

SWP Weekly Water Quality Summary

March 10 to 17, 2011

Electrical Conductivity: EC decreased at Harvey O. Banks Pumping Plant (HBP), but increased at Check 29, Check 41, Devil Canyon 2nd Afterbay, Barker Slough and Vallecitos. Concentrations ranged from 295 $\mu\text{S}/\text{cm}$ to 399 $\mu\text{S}/\text{cm}$ (177 to 239 mg/L), below the Article 19 Monthly Average Objective of 440 mg/L (733 $\mu\text{S}/\text{cm}$). At the end of the week, the highest concentration of 399 $\mu\text{S}/\text{cm}$ (239 mg/L) occurred at Check 29, followed by 373 (224 mg/L) at Devil Canyon 2nd Afterbay while the lowest concentration of 315 $\mu\text{S}/\text{cm}$ (189 mg/L) occurred at Check 41. EC concentrations at HBP decreased from 339 $\mu\text{S}/\text{cm}$ to 332 $\mu\text{S}/\text{cm}$ (203 to 199 mg/L).

Turbidity: Turbidity levels decreased at HBP, Barker Slough and Vallecitos, but increased at Check 41 and Devil Canyon 2nd Afterbay. Turbidity levels ranged from 1.4 to 84.7 NTU. At the end of the week, the lowest level of 1.7 NTU occurred at Devil Canyon 2nd Afterbay while the highest level of 53.1 NTU occurred at Barker Slough. Turbidity levels at HBP decreased slightly from 11.9 to 11.0 NTU.

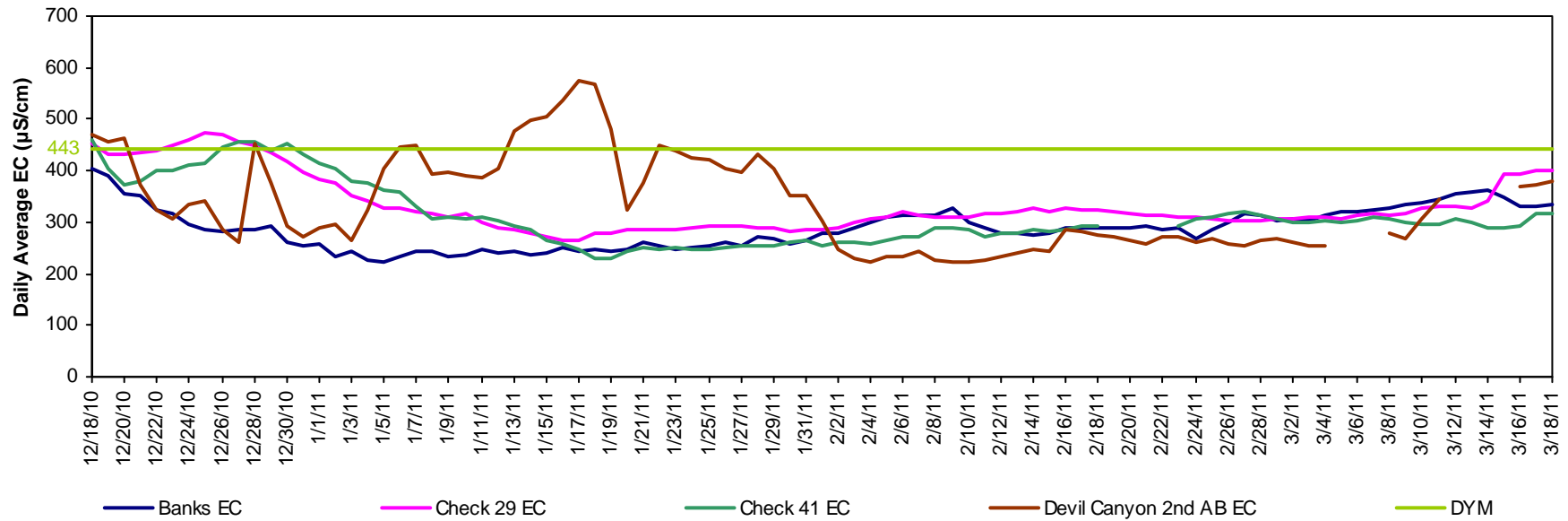
Taste and Odor Compounds: MIB and geosmin concentrations in the SWP at Clifton Court Inlet, HBP, Del Valle Check 7 and O'Neill Forebay Outlet ranged from ND to 2 mg/L.

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientists, and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and should be directed to Cindy Garcia at 916-653-7213, or Austine Eke at 916-653-7227. To view WQ data from the automated stations along the SWP, visit:

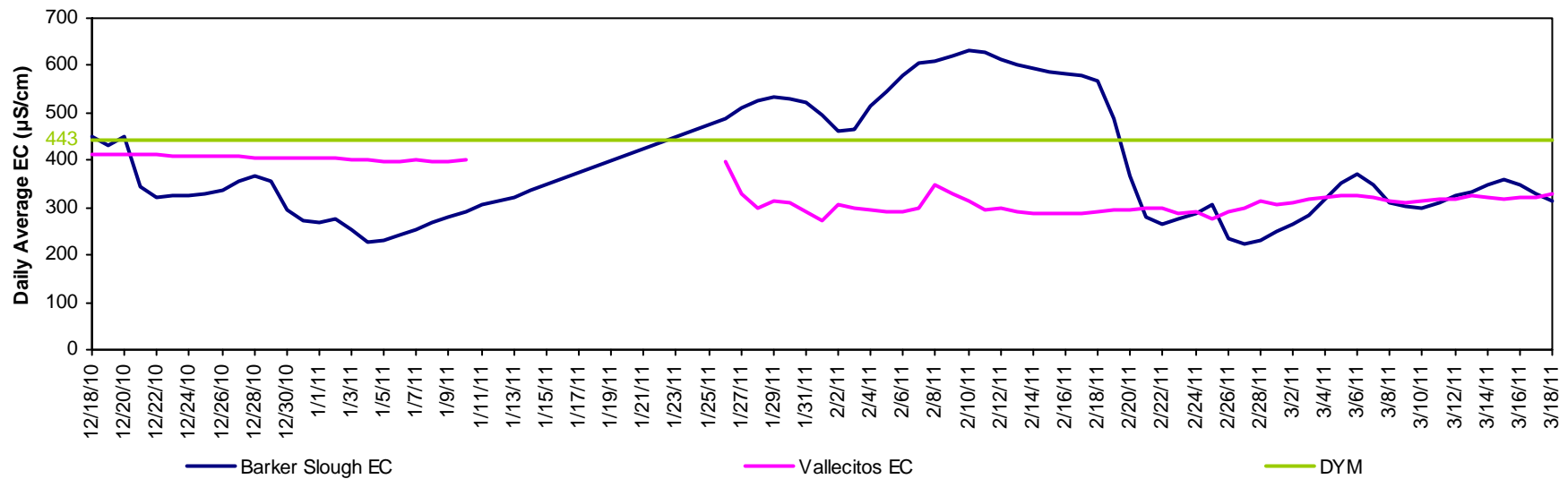
http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm, and click on a station name on the map to link to the station's data on the California Data Exchange Center (CDEC) website.

To view the Edmonston pumping plant daily pumping data, visit: www.water.ca.gov. Click on the "State Water Project" tab, and click on the "Operations Control" link. Look under the "Project-Wide Operations" header for the "Dispatcher's Daily Water Report."

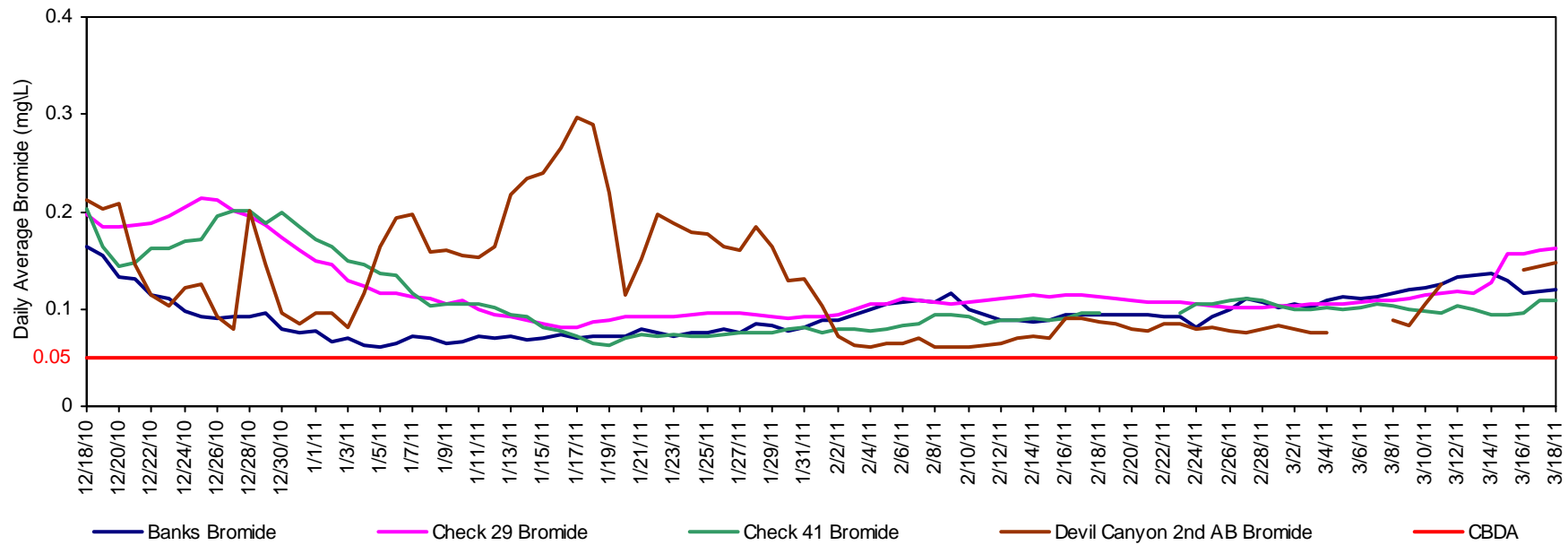
California Aqueduct - Electrical Conductivity



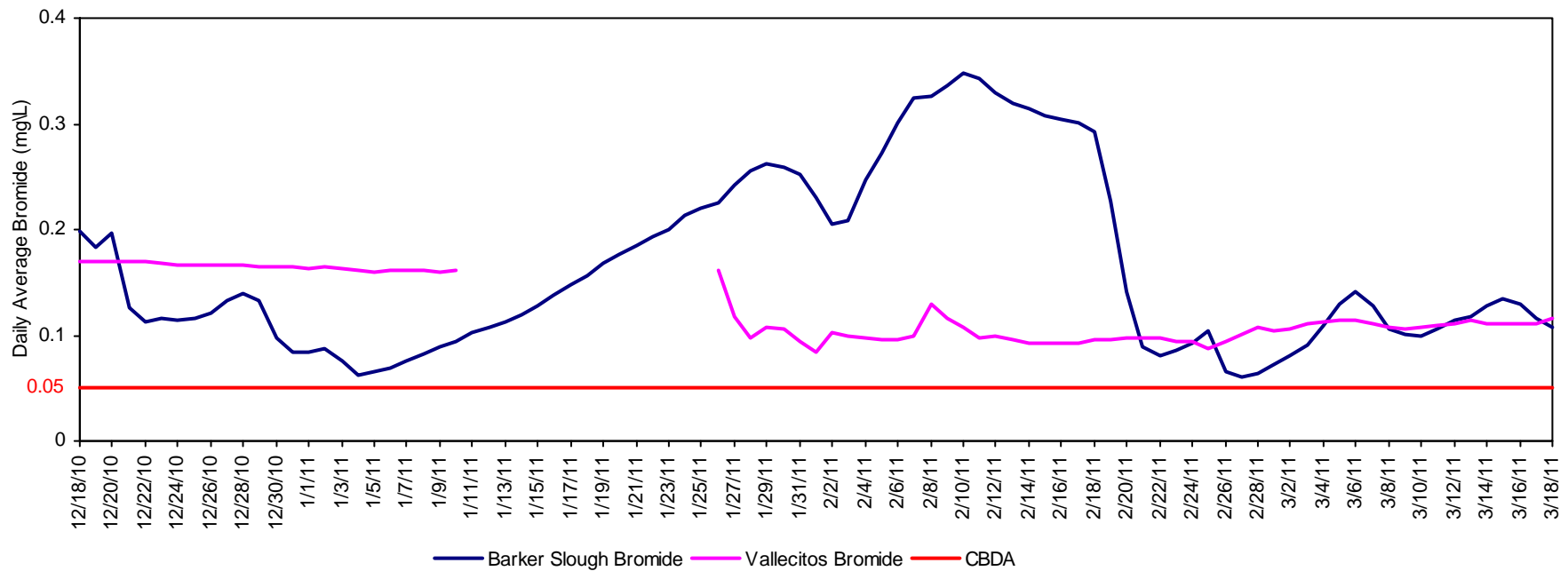
North and South Bay Aqueduct - Electrical Conductivity



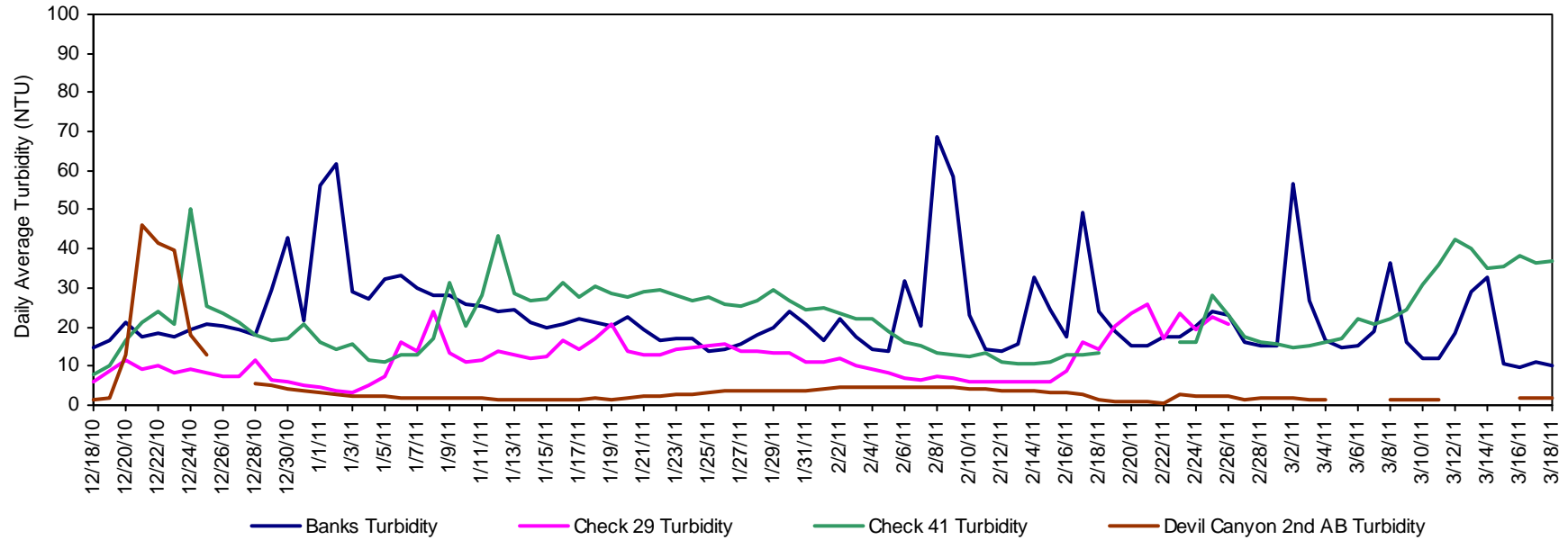
California Aqueduct - Calculated Bromide



North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity

